

AMENDMENTS TO THE CLAIMS

1-7. (Canceled)

8. (Withdrawn) A controller, comprising:

a display screen for displaying an image corresponding to control data, the control data including information associated with an arrangement of virtual speakers, wherein the image displayed on the display screen identifies a position of a listener and positions of the virtual speakers arranged to surround the listener, and wherein control data corresponding to a desired position is selected from the positions of the virtual speakers; and

a processor for transmitting to an external device the control data selected via the display screen.

9. (Canceled)

10. (Withdrawn) An audio system comprising:

an audio apparatus, including

a first memory in which control data is stored,

a second memory for storing control data inputted from an external device,

a control section for selecting either one of the first and second memories and for controlling operation according to a control program using the control data stored in the selected memory; and

a controller, including

an operation screen for displaying an image corresponding to control data, the image being used to select therethrough particular control data from a plurality of control data, and

a processor for transmitting the control data selected via the operation screen to the audio apparatus,

wherein the control program of the control section is transferred from the controller to the audio apparatus and is rewritably stored in the second memory.

11. (Withdrawn) An audio system according to claim 10, wherein the control program is a control program for sound field processing.

12. (Canceled)

13. (Withdrawn) A method of controlling an audio apparatus, comprising:
storing first control data, wherein the first control data includes information associated with an arrangement of virtual speakers;

displaying a position of a listener and positions of the virtual speakers arranged to surround the listener, the positions of the listener and the virtual speakers being visually identifiable;

selecting a desired position from the positions of the virtual speakers displayed;
storing second control data corresponding to the selected virtual speaker position;

selecting either the first control data or the second control data; and
controlling operation of the audio apparatus using the selected control data.

14. (Canceled)

15. (Currently Amended) An audio system comprising:
a virtual speaker position operation part, ~~[[a]]~~ an adjustable position of a virtual speaker being given through the virtual speaker position operation part, ~~a listener feeling that sound comes from the virtual speaker;~~

a sending unit for sending DSP parameter data that is prepared for each of sampling frequencies and includes data defining the adjustable position of the virtual speaker given through the virtual speaker position operation part;

a memory for storing the DSP parameter data being sent from the sending unit;
audio signal terminals corresponding to sound sources, where audio signals from the sound sources are input through the audio signal terminals;
a selector for selecting a sound source from among the sound sources;
a sound field processor for sound field processing the sound signal from the selected sound source using one of the DSP parameter data corresponding to the sampling frequency of the sound source selected by the selector; and
an output terminal, the audio signal processed by the sound field processor being output through the output terminal.

16. (Previously Presented) The audio system according to claim 15, wherein the DSP parameter includes constituent of a head relation transfer function for a right ear, constituent of a head relation transfer function for a left ear and constituent representing difference between both ears with respect to time of arrival of an identical sound at both ears.